

Anders Garm

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,151
citations

218677

26
h-index

243625

44
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63
all docs

63
docs citations

63
times ranked

1468
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuropeptide expression in the box jellyfish <i>Tripedalia cystophora</i> – New insights into the complexity of a simple nervous system. <i>Journal of Comparative Neurology</i> , 2021, 529, 2865-2882.	1.6	9
2	Have the eyes of bioluminescent scale worms adapted to see their own light? A comparative study of eyes and vision in <i>Harmothoe imbricata</i> and <i>Lepidonotus squamatus</i> . <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	0
3	Gonadal cnidocytes in the cubozoan <i>Tripedalia cystophora</i> Conant, 1897 (Cnidaria: Cubozoa). <i>Journal of Morphology</i> , 2019, 280, 1530-1536.	1.2	3
4	Hyperparasitism in caves: Bats, bat flies and ectoparasitic fungus interaction. <i>Journal of Invertebrate Pathology</i> , 2019, 166, 107206.	3.2	8
5	Eyes and negative phototaxis in juvenile crown-of-thorns starfish, <i>Acanthaster</i> species complex. <i>Biology Open</i> , 2019, 8, .	1.2	7
6	De novo transcriptome assembly of the cubomedusa <i>Tripedalia cystophora</i> , including the analysis of a set of genes involved in peptidergic neurotransmission. <i>BMC Genomics</i> , 2019, 20, 175.	2.8	35
7	Photoresponses in the radiolar eyes of the fan worm, <i>Acromegalomma vesiculosum</i> (Montagu). <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	11
8	Deep-sea starfish from the Arctic have well-developed eyes in the dark. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172743.	2.6	8
9	Regeneration of the Rhopalium and the Rhopalial Nervous System in the Box Jellyfish <i>Tripedalia cystophora</i> . <i>Biological Bulletin</i> , 2018, 234, 22-36.	1.8	8
10	No increase in marine microplastic concentration over the last three decades – A case study from the Baltic Sea. <i>Science of the Total Environment</i> , 2018, 621, 1272-1279.	8.0	152
11	Vision Made Easy: Cubozoans Can Advance Our Understanding of Systems-Level Visual Information Processing. <i>Results and Problems in Cell Differentiation</i> , 2018, 65, 599-624.	0.7	2
12	Sensory Biology of Starfish – With Emphasis on Recent Discoveries in their Visual Ecology. <i>Integrative and Comparative Biology</i> , 2017, 57, 1082-1092.	2.0	13
13	Hunting in Bioluminescent Light: Vision in the Nocturnal Box Jellyfish <i>Copula sivickisi</i> . <i>Frontiers in Physiology</i> , 2016, 7, 99.	2.8	13
14	Crown-of-thorns starfish have true image forming vision. <i>Frontiers in Zoology</i> , 2016, 13, 41.	2.0	21
15	Active control of the visual field in the starfish <i>Acanthaster planci</i> . <i>Vision Research</i> , 2016, 127, 28-34.	1.4	17
16	Visual orientation by the crown-of-thorns starfish (<i>Acanthaster planci</i>). <i>Coral Reefs</i> , 2016, 35, 1139-1150.	2.2	32
17	Editorial: Coding Properties in Invertebrate Sensory Systems. <i>Frontiers in Physiology</i> , 2016, 7, 688.	2.8	11
18	Mating in the box jellyfish <i>Copula sivickisi</i> – Novel function of cnidocytes. <i>Journal of Morphology</i> , 2015, 276, 1055-1064.	1.2	16

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19	Cell Proliferation in Cubozoan Jellyfish <i>Tripedalia cystophora</i> and <i>Alatina moseri</i> . PLoS ONE, 2014, 9, e102628.	2.5	11
20	<p>Sexual dimorphism in Tripedaliidae (Conant 1897) (Cnidaria, Cubozoa,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	0.5	18
21	Using phylogenetically-informed annotation (PIA) to search for light-interacting genes in transcriptomes from non-model organisms. BMC Bioinformatics, 2014, 15, 350.	2.6	62
22	Visual navigation in starfish: first evidence for the use of vision and eyes in starfish. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133011.	2.6	63
23	Ocular and Extraocular Expression of Opsins in the Rhopalium of <i>Tripedalia cystophora</i> (Cnidaria:) Tj ETQq1 1 0.784314 rgBT /Overlock 25	2.5	25
24	Swim pacemaker response to bath applied neurotransmitters in the cubozoan <i>Tripedalia cystophora</i> . Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2013, 199, 785-797.	1.6	12
25	Velarium control and visual steering in box jellyfish. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2013, 199, 315-324.	1.6	5
26	Pattern and contrast dependent visual response in the box jellyfish <i>Tripedalia cystophora</i> . Journal of Experimental Biology, 2013, 216, 4520-9.	1.7	8
27	Contrast and rate of light intensity decrease control directional swimming in the box jellyfish <i>Tripedalia cystophora</i> (Cnidaria, Cubomedusae). Hydrobiologia, 2013, 703, 69-77.	2.0	8
28	Fixational Eye Movements in the Earliest Stage of Metazoan Evolution. PLoS ONE, 2013, 8, e66442.	2.5	4
29	Spectral sensitivity of phototaxis in the dinoflagellate <i>Kryptoperidinium foliaceum</i> and their reaction to physical encounters. Journal of Experimental Biology, 2012, 215, 2342-2346.	1.7	9
30	Opposite Patterns of Diurnal Activity in the Box Jellyfish <i>Tripedalia cystophora</i> and <i>Copula sivickisi</i> . Biological Bulletin, 2012, 222, 35-45.	1.8	44
31	Box Jellyfish Use Terrestrial Visual Cues for Navigation. Current Biology, 2011, 21, 798-803.	3.9	92
32	Visual control of steering in the box jellyfish <i>Tripedalia cystophora</i> . Journal of Experimental Biology, 2011, 214, 2809-2815.	1.7	32
33	Temporal properties of the lens eyes of the box jellyfish <i>Tripedalia cystophora</i> . Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2010, 196, 213-220.	1.6	16
34	Evidence for Multiple Photosystems in Jellyfish. International Review of Cell and Molecular Biology, 2010, 280, 41-78.	3.2	11
35	Visual pigment in the lens eyes of the box jellyfish <i>Chiropsella bronzie</i> . Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1843-1848.	2.6	9
36	Multiple photoreceptor systems control the swim pacemaker activity in box jellyfish. Journal of Experimental Biology, 2009, 212, 3951-3960.	1.7	40

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37	Structure and optics of the eyes of the box jellyfish <i>Chiropsella bronzie</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 557-569.	1.6	31
38	Swim pacemakers in box jellyfish are modulated by the visual input. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2008, 194, 641-651.	1.6	34
39	Immunohistochemical evidence for multiple photosystems in box jellyfish. <i>Cell and Tissue Research</i> , 2008, 333, 115-124.	2.9	19
40	Setal morphology and cirral setation of thoracican barnacle cirri: adaptations and implications for thoracican evolution. <i>Journal of Zoology</i> , 2008, 275, 294-306.	1.7	48
41	Unique structure and optics of the lesser eyes of the box jellyfish <i>Tripedalia cystophora</i> . <i>Vision Research</i> , 2008, 48, 1061-1073.	1.4	36
42	Vision in the nocturnal wandering spider <i>Leucorchestris arenicola</i> (Araneae: Sparassidae). <i>Journal of Experimental Biology</i> , 2008, 211, 816-823.	1.7	52
43	Visually guided obstacle avoidance in the box jellyfish <i>Tripedalia cystophora</i> and <i>Chiropsella bronzie</i> . <i>Journal of Experimental Biology</i> , 2007, 210, 3616-3623.	1.7	105
44	The lens eyes of the box jellyfish <i>Tripedalia cystophora</i> and <i>Chiropsalmus</i> sp. are slow and color-blind. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2007, 193, 547-557.	1.6	46
45	The ring nerve of the box jellyfish <i>Tripedalia cystophora</i> . <i>Cell and Tissue Research</i> , 2007, 329, 147-157.	2.9	47
46	Rhopalia are integrated parts of the central nervous system in box jellyfish. <i>Cell and Tissue Research</i> , 2006, 325, 333-343.	2.9	63
47	Ultrastructure and functional organization of mouthpart sensory setae of the spiny lobster <i>Panulirus argus</i> : New features of putative mechanoreceptors. <i>Journal of Morphology</i> , 2006, 267, 464-476.	1.2	11
48	Bilaterally symmetrical rhopalial nervous system of the box jellyfish <i>Tripedalia cystophora</i> . <i>Journal of Morphology</i> , 2006, 267, 1391-1405.	1.2	64
49	The spectral sensitivity of the lens eyes of a box jellyfish, <i>Tripedalia cystophora</i> (Conant). <i>Journal of Experimental Biology</i> , 2006, 209, 3758-3765.	1.7	42
50	Advanced optics in a jellyfish eye. <i>Nature</i> , 2005, 435, 201-205.	27.8	232
51	Chemosensory neurons in the mouthparts of the spiny lobsters <i>Panulirus argus</i> and <i>Panulirus interruptus</i> (Crustacea: Decapoda). <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 314, 175-186.	1.5	33
52	The morphology of the chemosensory aesthetasc-like setae used during settlement of cypris larvae in the parasitic barnacle <i>Sacculina carcini</i> (Cirripedia: Rhizocephala). <i>Marine Biology</i> , 2005, 146, 1005-1013.	1.5	10
53	Mechanosensory properties of the mouthpart setae of the European shore crab <i>Carcinus maenas</i> . <i>Marine Biology</i> , 2005, 147, 1179-1190.	1.5	10
54	Revising the definition of the crustacean seta and setal classification systems based on examinations of the mouthpart setae of seven species of decapods. <i>Zoological Journal of the Linnean Society</i> , 2004, 142, 233-252.	2.3	200

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55	Mechanical functions of setae from the mouth apparatus of seven species of decapod crustaceans. <i>Journal of Morphology</i> , 2004, 260, 85-100.	1.2	74
56	Mechanosensory Neurons With Bend- and Osmo-sensitivity in Mouthpart Setae From the Spiny Lobster <i>Panulirus argus</i> . <i>Biological Bulletin</i> , 2004, 207, 195-208.	1.8	20
57	Role of Maxilla 2 and Its Setae During Feeding in the Shrimp <i>Palaemon adspersus</i> (Crustacea: Decapoda). <i>Journal of Experimental Biology</i> , 2004, 117, 107-114.	1.8	40
58	Notes on the ultrastructure of the setae on the fourth antennular segment of the <i>Balanus amphitrite</i> cyprid (Crustacea: Cirripedia: Thoracica). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2003, 83, 361-365.	0.8	26
59	Function and Functional Groupings of the Complex Mouth Apparatus of the Squat Lobsters <i>Munida sarsi</i> Huus and <i>M. tenuimana</i> G.O. Sars (Crustacea: Decapoda). <i>Biological Bulletin</i> , 2001, 200, 281-297.	1.8	30
60	Functional mouthpart morphology of the squat lobster <i>Munida sarsi</i> , with comparison to other anomurans. <i>Marine Biology</i> , 2000, 137, 123-138.	1.5	40
61	Hyperparasitism in caves: bats, bat flies and ectoparasitic fungus. <i>ARPHA Conference Abstracts</i> , 0, 1, .	0.0	3